

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/011846

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G02B21/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 466 040 B1 (DANZ RAINER ET AL) 15 October 2002 (2002-10-15) abstract; figure 3	1-8
A	US 2003/030900 A1 (KNEBEL WERNER) 13 February 2003 (2003-02-13) the whole document	1-8

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *A* document member of the same patent family

Date of the actual completion of the international search

21 January 2005

Date of mailing of the international search report

01/02/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5618 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Daffner, M

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/EP2004/011846

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 6466040	B1	15-10-2002	DE	19733194 A1	04-02-1999
			JP	11125509 A	11-05-1999
US 2003030900	A1	13-02-2003	DE	10024135 A1	16-08-2001
			JP	2001242383 A	07-09-2001
			US	2001021063 A1	13-09-2001